

pathway associated with a nutritional profile of a plant, said enzyme not naturally occurring in said secondary metabolic pathway;

transforming a plant cell of said plant with an expression cassette comprising said nucleic acid sequence operably linked to a seed-specific promoter, said plant selected from the group consisting of corn, canola, wheat, barley, oats, alfalfa, soybeans and sorghum; and

recovering a genetically altered plant from said plant cell, said genetically altered plant characterized by an improved nutritional profile relative to a wild-type of said plant.—

If the Examiner has any questions regarding this Supplemental Amendment, the Examiner is respectfully requested to call the undersigned at the below-identified telephone number.

Respectfully submitted,


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